

Docket No. AUS9-2000-0390-US1

**ABSTRACT OF THE DISCLOSURE**

**A METHOD OF SYNCHRONIZING MULTIPLE NETWORKS USING  
PERMANENT ADDRESSING SCHEME**

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A method, system, and apparatus for synchronizing device, node, and drawer addresses between two networks within a data processing system is provided. In one embodiment, a service processor assigns a plurality of SPCN addresses to each of a plurality of devices in the data processing system. System firmware then determines the RIO addresses corresponding to the plurality of devices. If one of the SPCN addresses is not the same as the RIO address for the corresponding device, node, or drawer, then the service processor reassigns a new SPCN address to the corresponding device, node, or drawer such that the new SPCN address is identical to the RIO address for a corresponding device, node, or drawer.

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